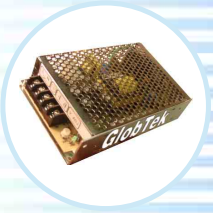
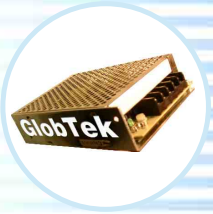


SWITCHING POWER SUPPLY, SINGLE OUTPUT: 25 WATTS, ENCLOSED, UNIVERSAL INPUT

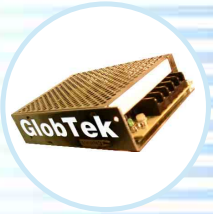












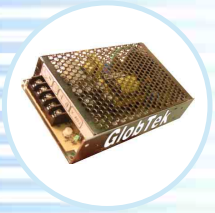
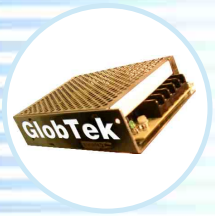
1. NOTES:
DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

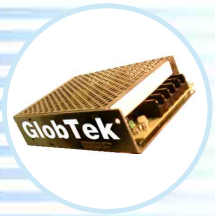
2. ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:	85 VAC TO 264 VAC
INPUT CURRENT:	0.35A @ 230V
INPUT FREQUENCY:	47 HZ - 63 HZ
OUTPUT VOLTAGE / CURRENT:	

P/N :	MODEL:	OUTPUT:
GT-25-5	S-25-5	+5 VDC +/-2%, 5A
GT-25-12	S-25-12	+12 VDC +/-1%, 2.1A
GT-25-15	S-25-15	+15 VDC +/-1%, 1.7A
GT-25-24	S-25-24	+24 VDC +/-1%, 1.1A

OUTPUT CURRENT :	NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED
OUTPUT POWER (RATED):	25 WATTS MAX
OUTPUT RIPPLE (PEAK TO PEAK):	50 mV (P-P) FOR 5V, 100 mV (P-P) FOR ALL OTHER OUTPUTS
ADJUSTABILITY:	+10, -5% OUTPUT
OUTPUT REGULATION (LINE):	± 5 % FOR OUTPUT
LOAD REGULATION (LINE):	5V MODEL +/-1%, ± 0.5% FOR ALL OTHER OUTPUTS
TURN ON/ TURN OFF OVERSHOOT:	4% MAX 500uS MAX RECOVERY TIME FOR 25% STEP LOAD
TURN-ON DELAY:	1 SEC MAX
HOLD-UP TIME:	10 mSEC MIN AT NOMINAL INPUT 115 VAC AND FULL LOAD
INRUSH CURRENT:	15 A MAX AT COLD START FOR N.A. (30A FOR EURO)
EFFICIENCY:	75 % TYPICAL
SWITCHING FREQUENCY:	100 KHZ TYPICAL
OVER-VOLTAGE PROTECTION:	VOLTAGE LIMITED LESS 115% ~ 135% OF NOMINAL VOLTAGE FOR MAIN OUTPUT
OVER-CURRENT / SHORT CIRCUIT:	HICCUP WITH AUTO RECOVERY TO 1.1 - 1.3 Io
OTHER PROTECTION:	INPUT FUSING
SAFETY APPROVALS :	UL1012, UL 60950 / 1950, CUL TO 22.2 # 234, 950, TUV TO EN 60950, CE CLASS I
DIELECTRIC WITHSTAND VOLTAGE:	3000VAC PRIMARY-SECONDARY; 1500 VAC PRIMARY- GROUND
LEAKAGE CURRENT:	≤ 0.75 mA @ 240 VAC
LINE SURGE:	EN 61000-4-5 LEVEL 4
EMI:	COMPLIES WITH EN55022, 1 CLASS B AND FCC PART 15 CLASS B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED
CE MARK :	TESTED TO COMPLY WITH EN61000-3-2, EN61000-3-3 AND EN50082-1 INCLUDING EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11 LEVEL 4, UNIT IS ELIGIBLE FOR CE MARK.

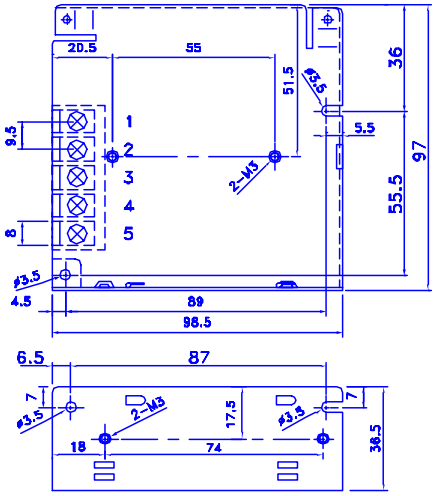
SWITCHING POWER SUPPLY, SINGLE OUTPUT: 25 WATTS, ENCLOSED, UNIVERSAL INPUT

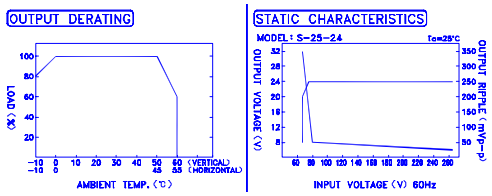


MTBF:	GREATER THAN 50,000 HOURS AT 25°C AMBIENT TEMPERATURE
OPERATING TEMPERATURE:	0°C TO 45° C, DERATE LINEARY TO 60% OUTPUT POWER AT 60°C
STORAGE TEMPERATURE:	-40°C TO 80° C
HUMIDITY:	0% TO 90% RELATIVE HUMIDITY
WEIGHT:	0.37 kg REF.
VIBRATION:	10-500 Hz 2G 10 MIN/ CYCLE (PERIOD = 60 MINUTES, EACH AXIS)

3. MECHANICAL: MM

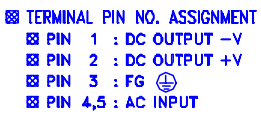
3.1. CONFIGURATION: ENCLOSED SWITCHING POWER SUPPLY, AL. ALLOY 3003 OR EQUIVALENT, GOLD IRRIDITE, CHEM. TREATEDFINISH,, CHASSIS: "U' CHANNEL, WITH (5) MOUNTING METRIC INSERT M3, AS SHOWN BELOW: (2) BOTTOM; (3) RIGHT SIDE. COVER: "L" SHAPE WITH HOLES SCREENED PATTERN FOR NATURAL CONVECTION COOLING THERMAL TRANSFER.



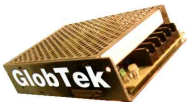


3.2. INPUT / OUTPUT CONNECTOR: STRAIGHT MOUNT BARRIER STRIP, 5 POSITIONS, 9.5 MM PITCH FOR LUG/TERMINALS INPUT/OUTPUT HARNESS CONNECTIONS

3.3. WIRING DIAGRAM:

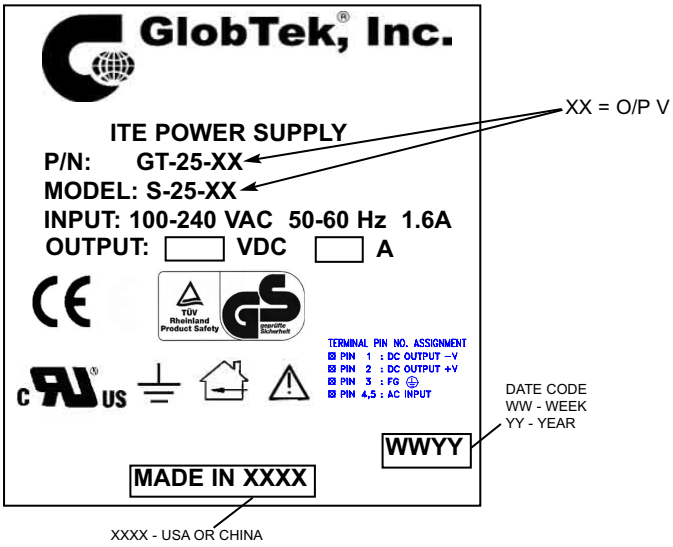


www.globtek.com
☎ (201)784-1000
Globtek, Inc. 186 Veterans Drive, Northvale, NJ 07647. Tel.: 201-784-1000 Fax: 201-784-0111



SWITCHING POWER SUPPLY, SINGLE OUTPUT:
25 WATTS, ENCLOSED, UNIVERSAL INPUT

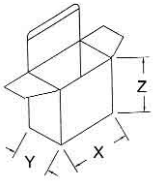
LABEL:



4.2. SECOND LABEL: INSTALLED ON COVER FACING TERMINAL BLOCK



5. INDIVIDUAL PACKING BOX:



X = 164 mm
Y = 42 mm
Z = 101 mm

